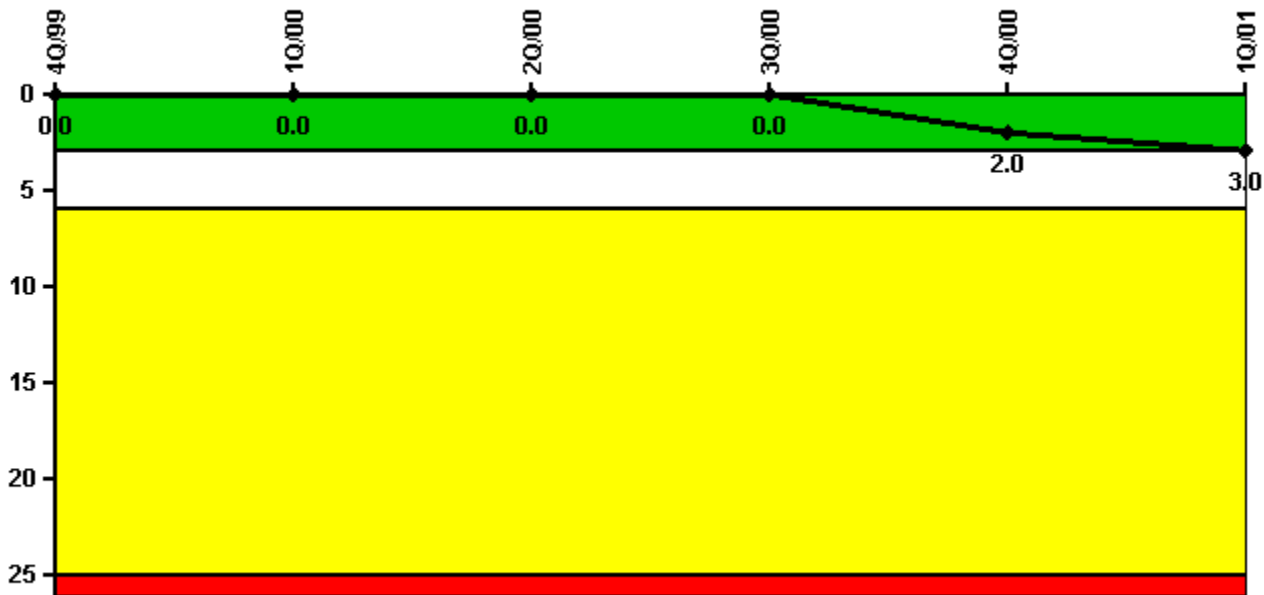


## Point Beach 2

### 1Q/2001 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	0	0	0	0	2.0	1.0
Critical hours	2209.0	2184.0	2086.5	2208.0	688.7	2119.8
Indicator value	0	0	0	0	2.0	3.0

Licensee Comments:

1Q/01: The hours of critical operation were corrected from 2095.3 to 2119.8 (See CR 01-1570). On 2/6/01, an automatic scram occurred due to generator lockout initiated by generator stator ground fault device.

1Q/01: On 2/6/01, an automatic scram occurred due to generator lockout initiated by generator stator ground fault device.

### Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

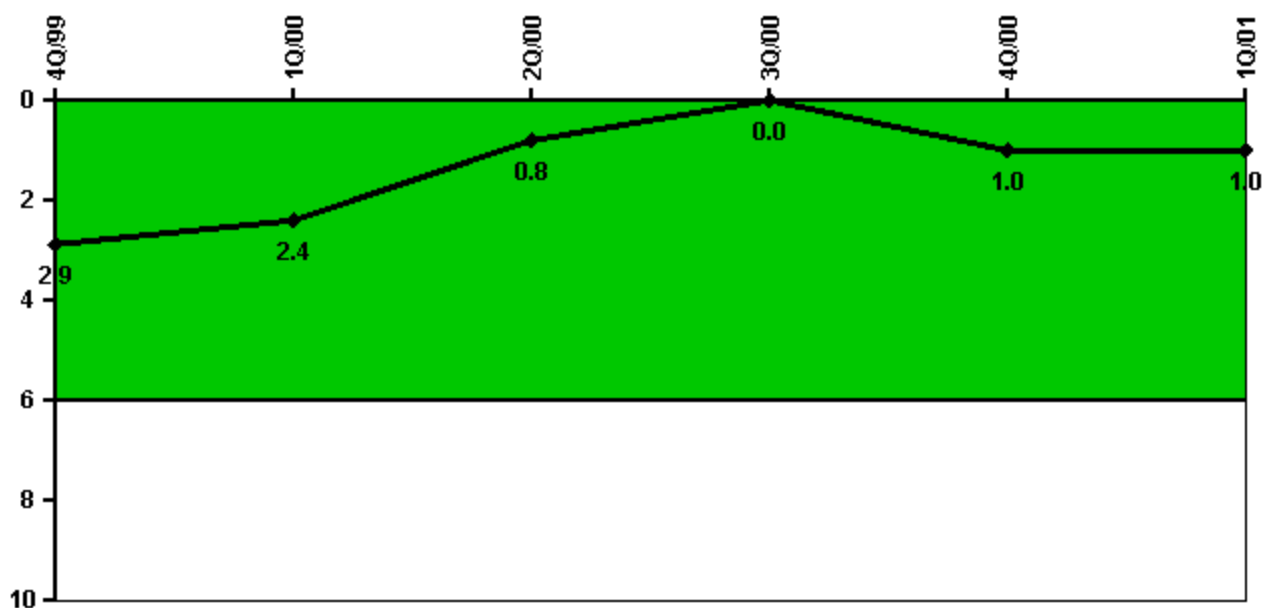
### Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Scrams	0	0	0	0	0	1.0
Indicator value	0	0	0	0	0	1.0

Licensee Comments:

1Q/01: On 2/6/01, The automatic scram due to generator lockout initiated by generator stator ground fault device, also had loss of condenser. Problems with cross-over steam dump operation resulted in loss of condenser vacuum and condenser unavailability.

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

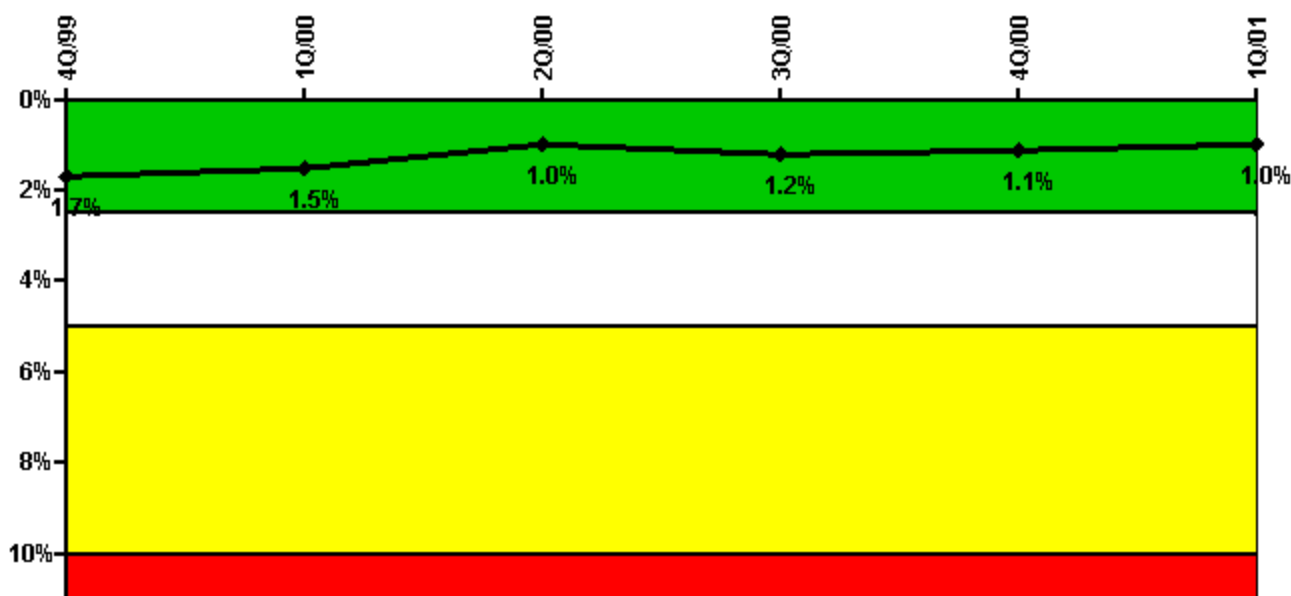
#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	0	0	0	0	1.0	0
Critical hours	2209.0	2184.0	2086.5	2208.0	688.7	2119.8
Indicator value	2.9	2.4	0.8	0	1.0	1.0

Licensee Comments:

1Q/01: The hours of critical operation were corrected from 2095.3 to 2119.8 (See CR 01-1570).

## Safety System Unavailability, Emergency AC Power



**Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%**

### Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
<b>Train 1</b>						
Planned unavailable hours	0	54.10	29.20	33.50	17.70	17.22
Unplanned unavailable hours	0	14.28	0	3.57	0	0
Fault exposure hours	0	0	0	13.88	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
<b>Train 2</b>						
Planned unavailable hours	0	12.73	18.87	46.43	11.95	35.88
Unplanned unavailable hours	0	0	3.28	6.52	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
<b>Indicator value</b>	<b>1.7%</b>	<b>1.5%</b>	<b>1.0%</b>	<b>1.2%</b>	<b>1.1%</b>	<b>1.0%</b>

### Licensee Comments:

4Q/00: Engineering Review of all 2000 EAC data revealed time incorrectly reported (ex. incorrect time, math errors, incorrect classification). (4/18/01)

3Q/00: Per FAQ 194, reporting 2 trains per unit. Trains 1 and 2 are 2A05 and 2A06, respectively for all data since Q1 1997. (10/14/00)  
Engineering Review of all 2000 EAC data revealed time incorrectly reported (ex. incorrect time, math errors, incorrect classification). (4/18/01)

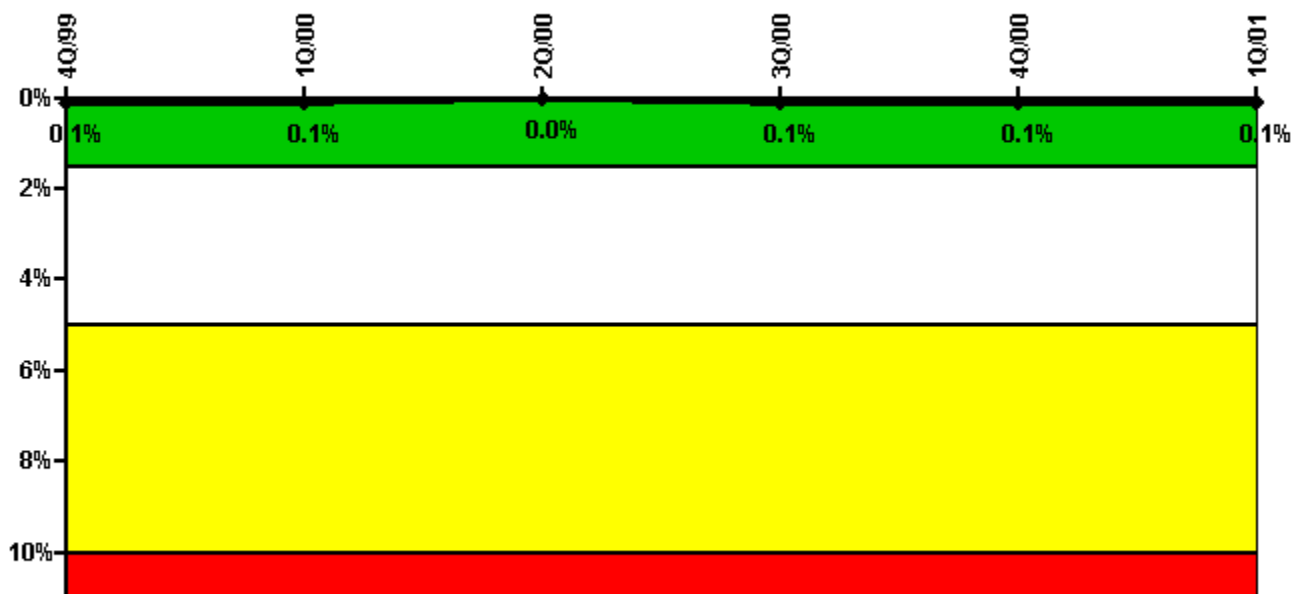
2Q/00: 12/18/00: Identified that an error was made when changing from 4 trains to 2 trains. Moved 8.5 hours from fault exposure to its correct location of unplanned unavailable hours. Engineering Review of all 2000 EAC data revealed time incorrectly reported (ex. incorrect time, math errors, incorrect classification). (4/18/01)

1Q/00: Engineering Review of all 2000 EAC data revealed time incorrectly reported (ex. incorrect time, math errors, incorrect classification). (4/18/01)

2Q/97: Revised 2Q/01 as a result of engineering review in April 2001 which identified 231 hours that should have been reported in May, 1997.

1Q/97: Revised 2Q/01 as a result of engineering review in April, 2001 which identified 13.6 fault exposure unavailable hours that should have been reported for February, 1997.

### Safety System Unavailability, High Pressure Injection System (HPSI)



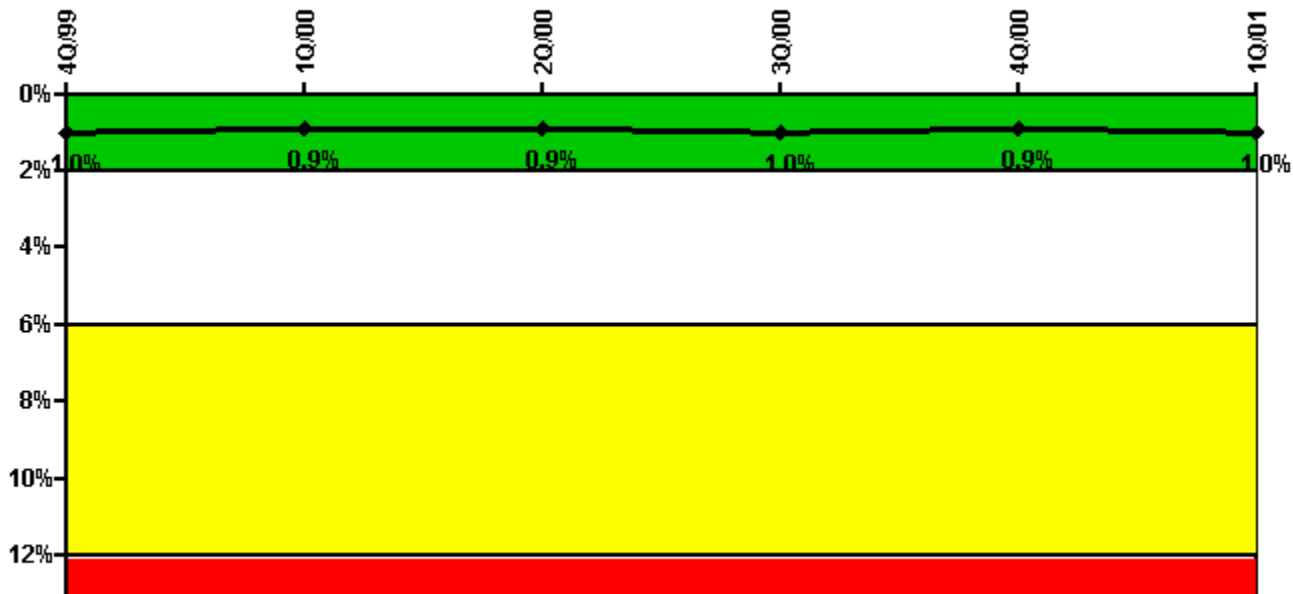
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
<b>Train 1</b>						
Planned unavailable hours	0.50	0.50	0	9.80	0	2.27
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2087.00	2208.00	715.50	2160.00
<b>Train 2</b>						
Planned unavailable hours	0.50	0.50	0	15.00	0	0
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2087.00	2208.00	715.50	2160.00
<b>Indicator value</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>

Licensee Comments: none

### Safety System Unavailability, Heat Removal System (AFW)



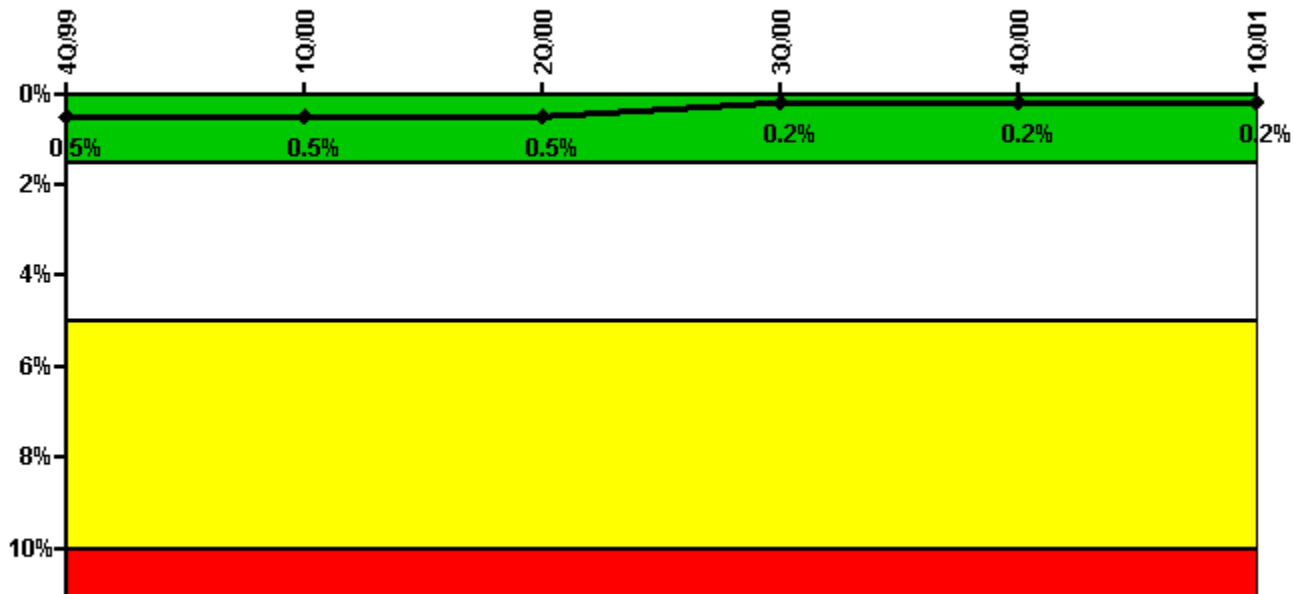
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

### Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
<b>Train 1</b>						
Planned unavailable hours	5.22	6.53	3.90	9.70	8.13	3.65
Unplanned unavailable hours	0	5.30	0	0	1.35	1.17
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	931.85	2160.00
<b>Train 2</b>						
Planned unavailable hours	137.80	2.58	18.10	6.05	0.22	23.50
Unplanned unavailable hours	0	0	0	0	0	16.35
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	931.85	2160.00
<b>Train 3</b>						
Planned unavailable hours	20.98	2.20	17.70	34.55	0.51	5.80
Unplanned unavailable hours	0	0	20.60	0	0	0.22
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	931.85	2160.00
<b>Indicator value</b>	<b>1.0%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>1.0%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



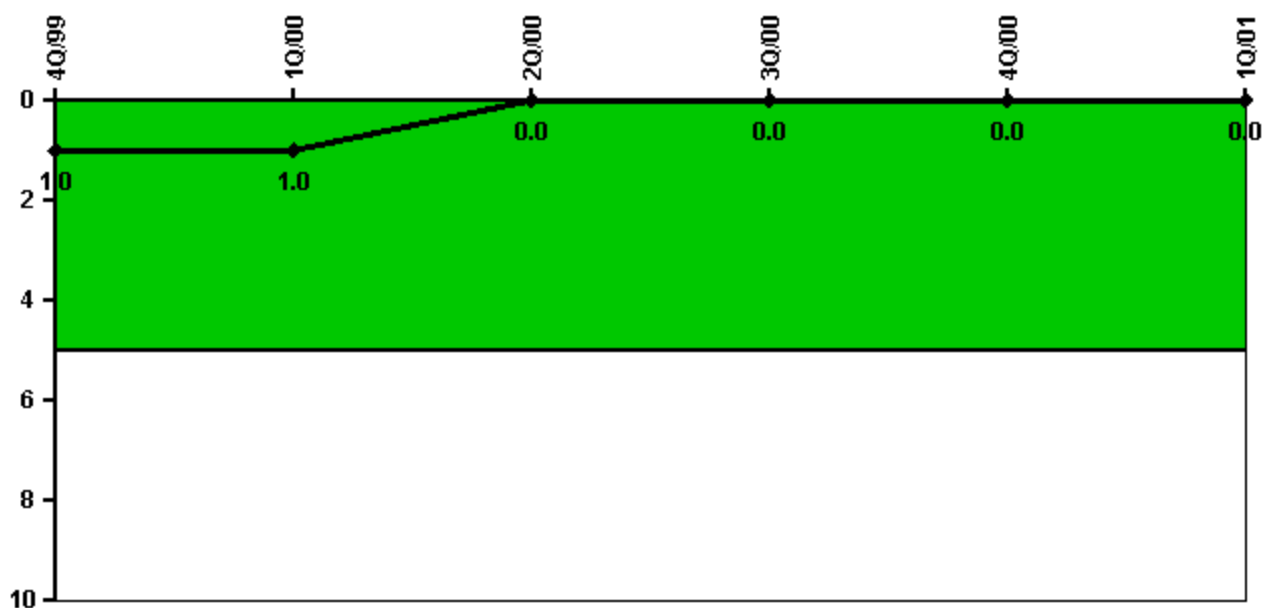
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
<b>Train 1</b>						
Planned unavailable hours	3.80	1.00	22.00	9.50	6.50	0
Unplanned unavailable hours	0.70	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1843.00	2119.80
<b>Train 2</b>						
Planned unavailable hours	3.60	0.70	0	19.80	6.50	0
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1843.00	2119.80
<b>Indicator value</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

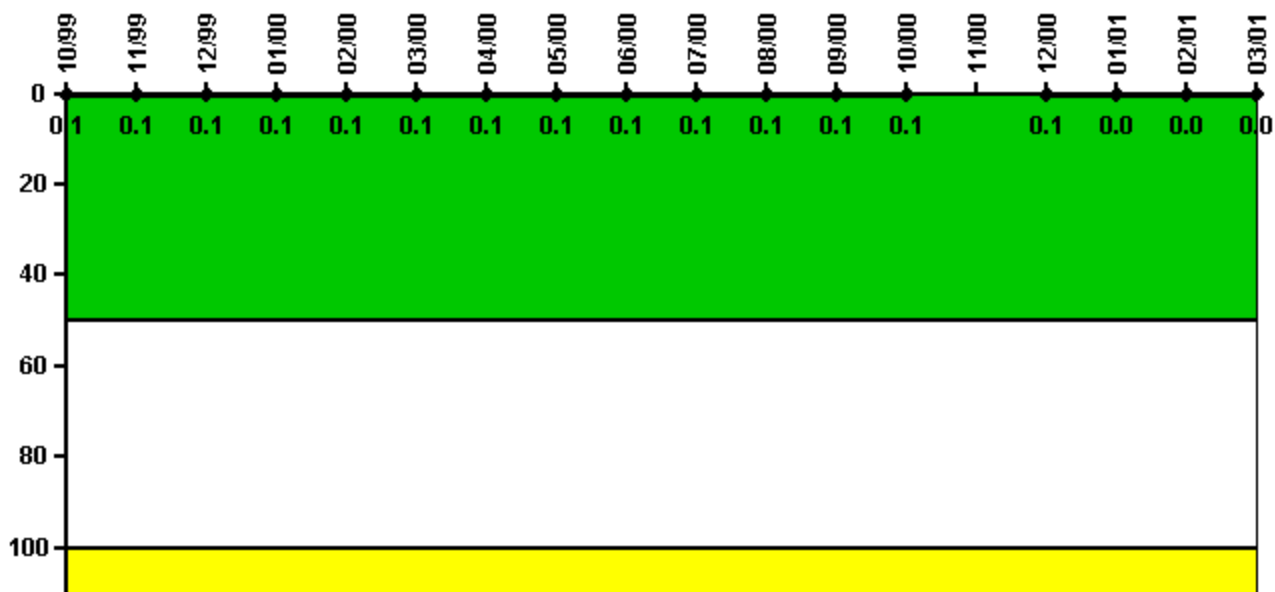
#### Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Safety System Functional Failures	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

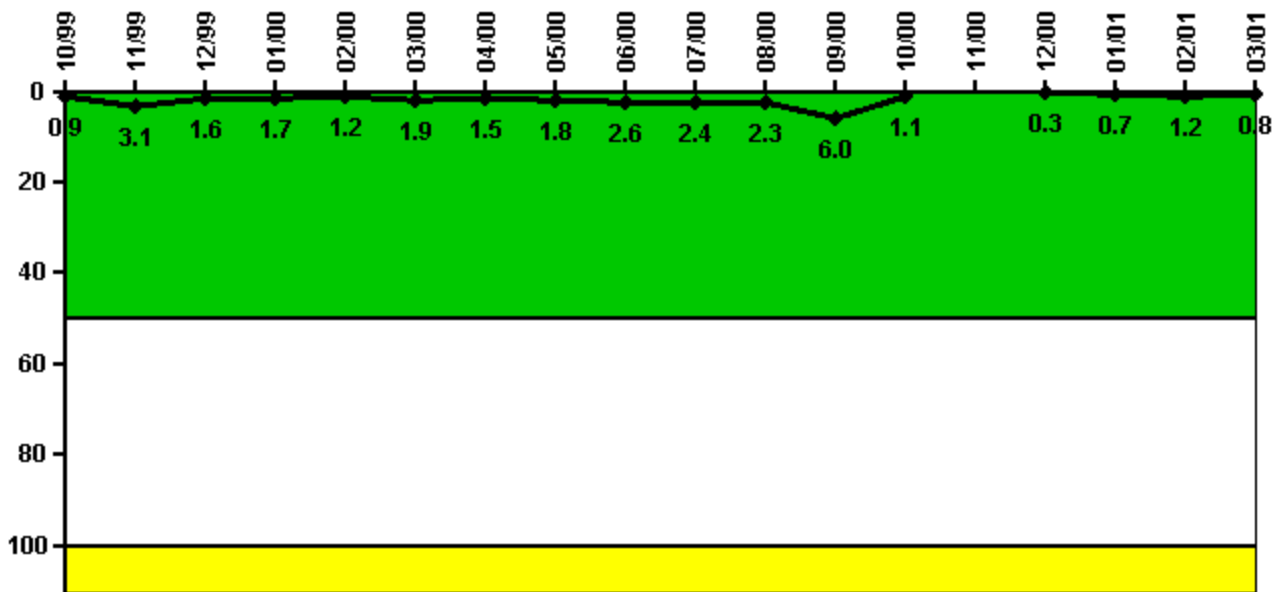
Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000523	0.000473	0.000517	0.000543	0.000593	0.000621	0.000653	0.000601	0.000579	0.000650	0.000655	0.000642
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000660	N/A	0.000464	0.000243	0.000262	0.000263
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	0.1	N/A	0.1	0	0	0

Licensee Comments: none

## Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

### Notes

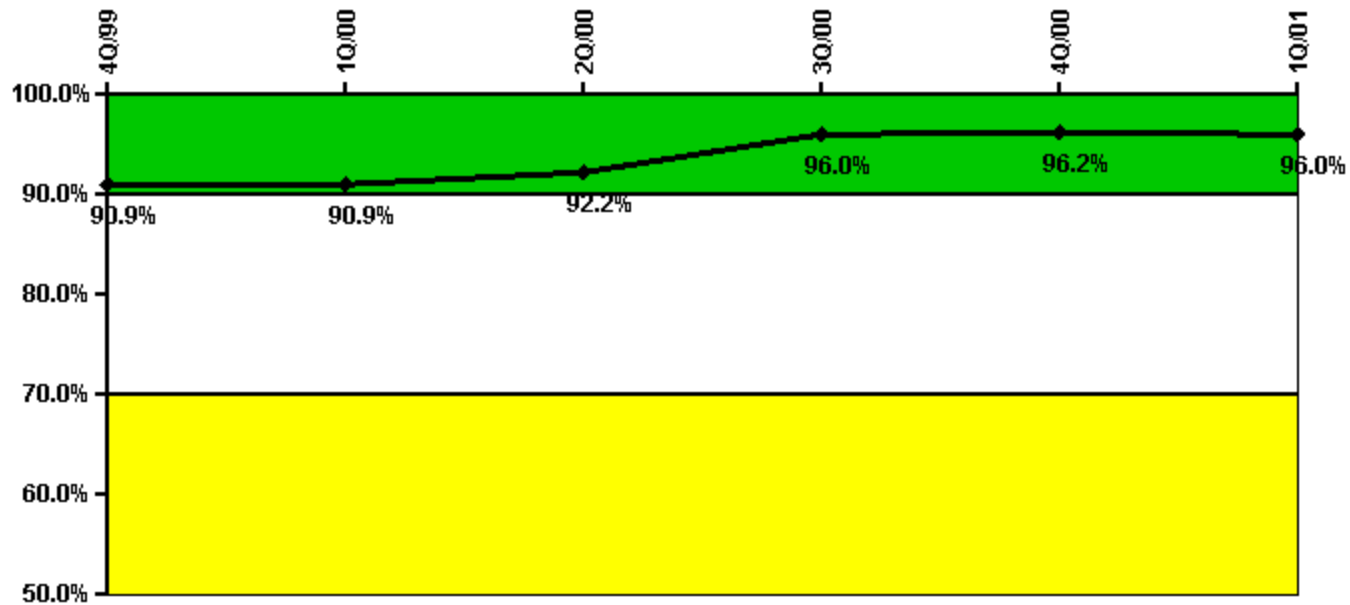
Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.087	0.310	0.161	0.167	0.120	0.190	0.150	0.182	0.257	0.241	0.230	0.598
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	3.1	1.6	1.7	1.2	1.9	1.5	1.8	2.6	2.4	2.3	6.0

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.106	N/A	0.033	0.068	0.120	0.078
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	N/A	0.3	0.7	1.2	0.8

Licensee Comments: none

### Drill/Exercise Performance



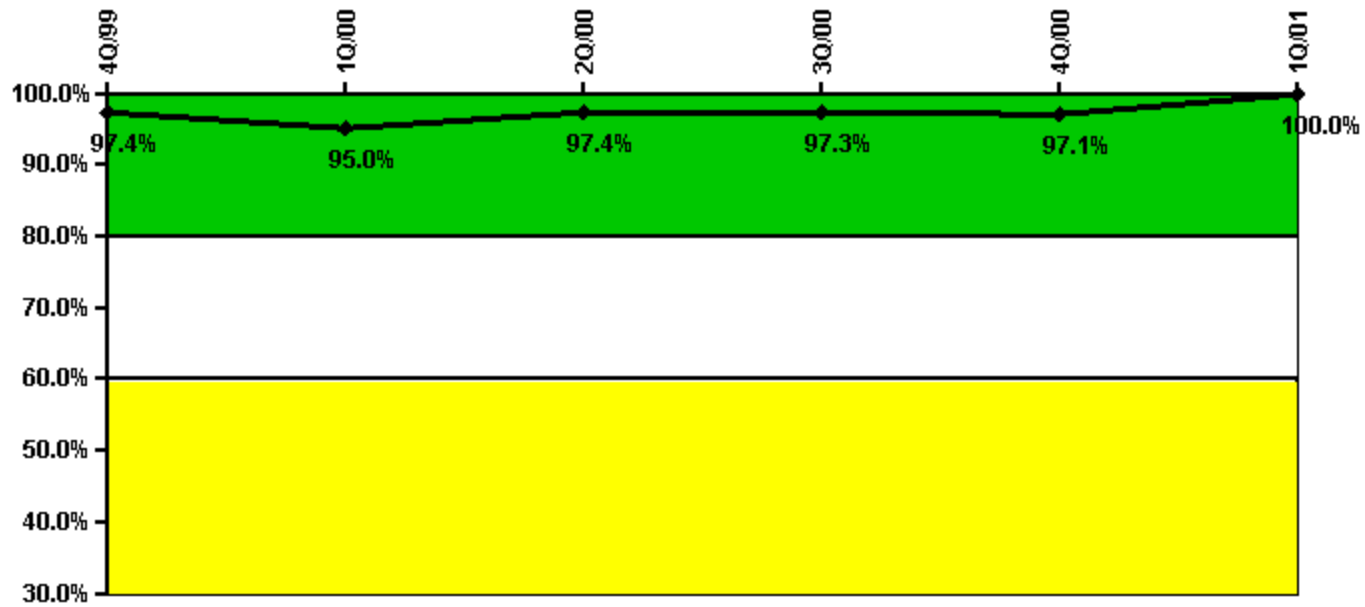
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	16.0	0	14.0	14.0	30.0	4.0
Total opportunities	18.0	0	14.0	14.0	30.0	4.0
Indicator value	90.9%	90.9%	92.2%	96.0%	96.2%	96.0%

Licensee Comments: none

### ERO Drill Participation



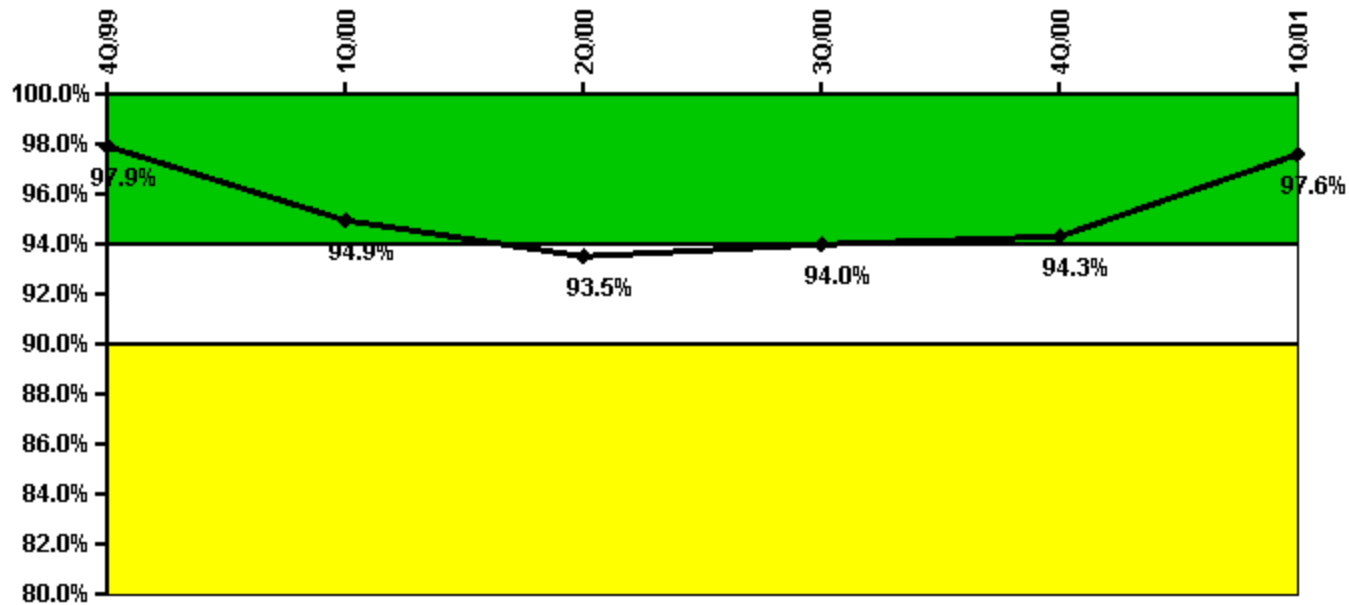
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	38.0	38.0	38.0	36.0	34.0	35.0
Total Key personnel	39.0	40.0	39.0	37.0	35.0	35.0
Indicator value	97.4%	95.0%	97.4%	97.3%	97.1%	100.0%

Licensee Comments: none

### Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	82	72	78	84	83	83
Total sirens-tests	84	84	84	84	84	84
Indicator value	97.9%	94.9%	93.5%	94.0%	94.3%	97.6%

Licensee Comments: none

### Occupational Exposure Control Effectiveness

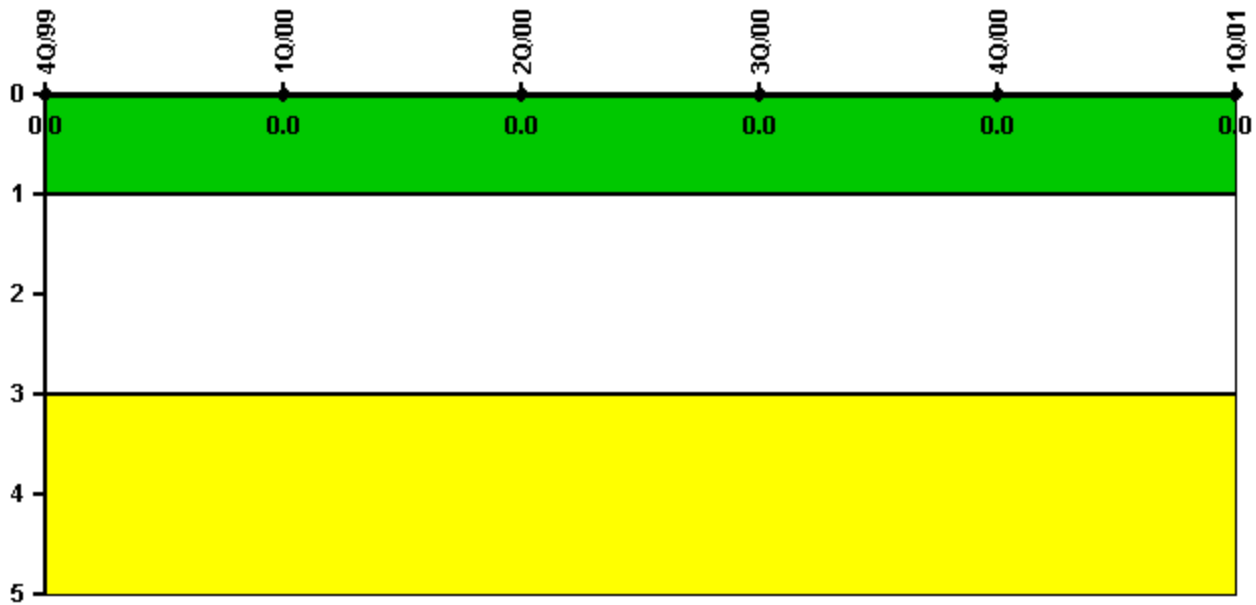


Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
High radiation area occurrences	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0
Indicator value	1	0	0	0	0	0

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

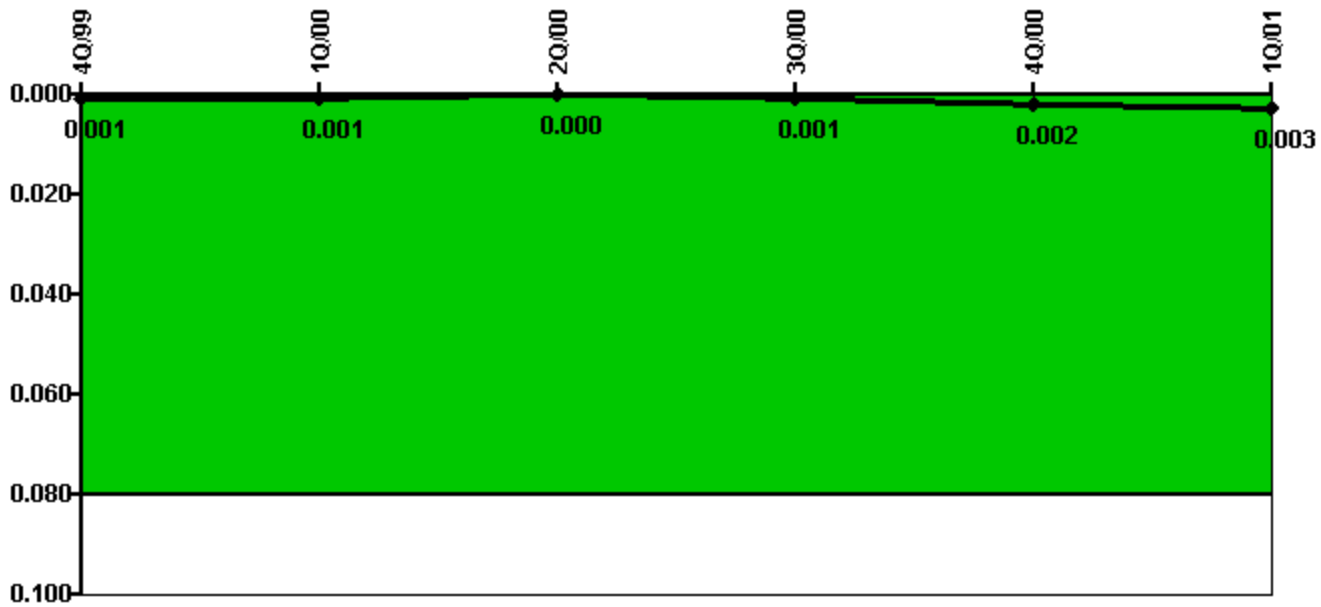
Thresholds: White > 1.0 Yellow > 3.0

**Notes**

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
RETS/ODCM occurrences	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

### Protected Area Security Performance Index



Thresholds: White > 0.080

#### Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
IDS compensatory hours	8.60	0	0	0	0	19.50
CCTV compensatory hours	0.4	0	0	3.8	30.4	7.6
IDS normalization factor	1.20	1.20	1.20	1.20	1.20	1.20
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.001	0.001	0	0.001	0.002	0.003

Licensee Comments:

1Q/01: Engineering evaluation indicated a need to upgrade the intrusion detection and assessment systems. A modification package was initiated in October, 1997, and was approved in May, 1998. Typical compensatory hours for the IDS system that occurred since May, 1998, are not counted in this indicator as allowed by the NEI 99-02 Rev 0 guidance.



### Personnel Screening Program



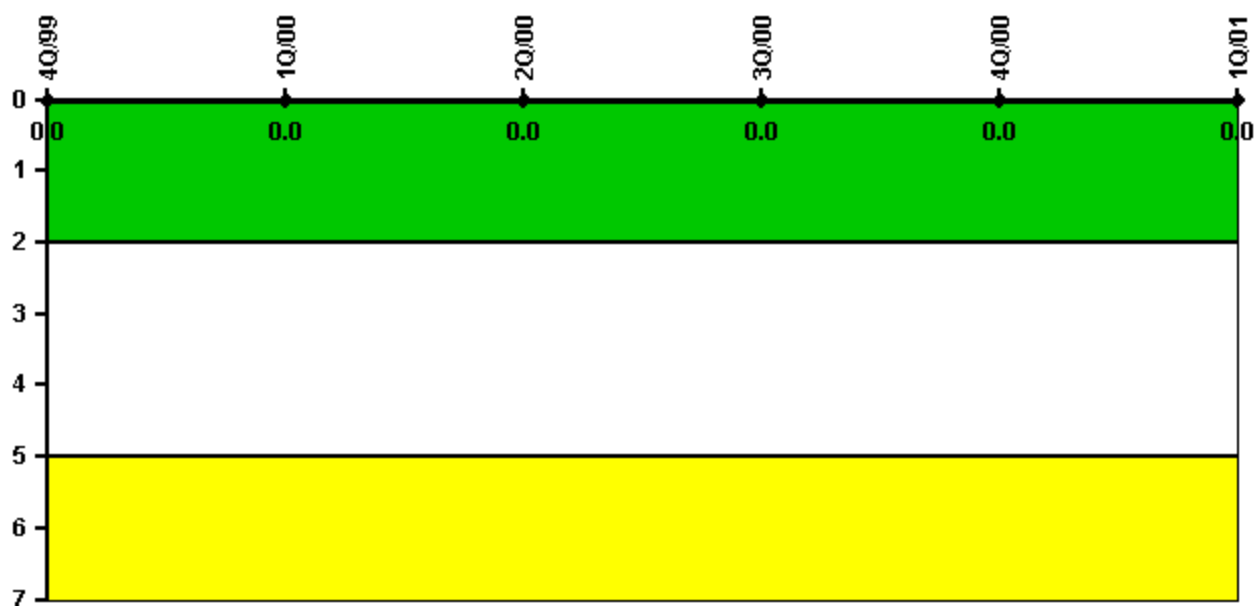
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Program failures	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

### FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Program Failures	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 28, 2002